

### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of NTPAD5R1LD6A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NTPAD5R1LD6A0

## NTPAD5R1LD6A0









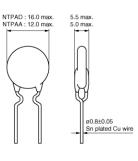
## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Industrial Equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
Specific	the performance, functions, quality,	
Specific Applications	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	



## Appearance & Shape





(in mm)



## Packaging Information

Packaging		Standard Packing Quantity
A0	Ammo Pack	400



### **Features**

- 1. Lead is not contained in the ceramic element, the terminations, the solder for inner connection and the coating resin.
- 2. Most suitable for power supplies of less than 100W
- 3. Excellent recovery characteristics due to resin coating with excellent heat characteristics

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- 2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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# NTPAD5R1LD6A0



# **Specifications**

Resistance (25°C)	5.1Ω	
Resistance Value Tolerance	.450/	
(at 25°C)	±15%	
Permissible Max. Current	3A	
(25°C)	JA	
Permissible Max. Current	2.6A	
(55°C)	2.0A	
Thermal Time Constant	85s	
Typical Dissipation Constant	10.0 14405	
(25°C)	18.8mW/°C	
Permissible Electrolytic	07005	
Capacitor	2700μF	
Measure Condition of		
Permissible Electrolytic	at 100V	
Capacitor		
Operating Temperature	-20°C to 160°C	
Range	-20 C to 100 C	
Lead Shape	Lead Wire type	
Shape	Lead	
Mass	2.38g	
MSL	N	

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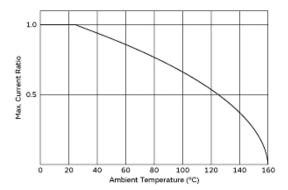
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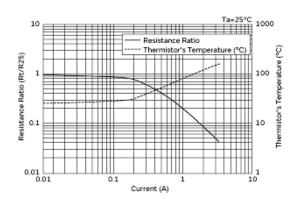
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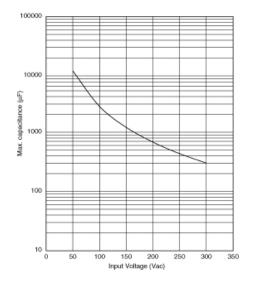


## **Product Data**





### Permissible Maximum Current Derating Curve



Current-R ratio(Rt/R25), Current-Temperature Characteristics

Permissible Electrolytic Capacitor

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